

## ST. VITUS DANCE SUFFERER MADE WELL

### Nerves Strengthened Through the Use of Dr. Williams' Pink Pills

Time after time cases are brought to the notice of the public where sufferers from nervous troubles have been relieved by Dr. Williams' Pink Pills—where victims of St. Vitus Dance have been made well through the use of these pills after other medicines have failed to be of benefit. The reason for this is that Dr. Williams' Pink Pills act directly upon the blood—they make new, rich red blood and in thus banishing all impurities from the blood strengthen the nerves and make St. Vitus Dance impossible.

Mrs. P. Donnelly, Montreal, Que., is one more grateful mother who wishes to add her testimony to those already published. She says:—"My little girl, aged eleven, was a great sufferer from St. Vitus Dance. Several doctors prescribed for her without benefit. She was in the hospital for two weeks—still no benefit. I then saw an advertisement recommending Dr. Williams' Pink Pills for St. Vitus Dance, so decided to try them. My little girl had only taken a couple of boxes when I noticed some improvement so I continued with the treatment till now she is completely free from the trouble and can enjoy herself as other children do. I can highly recommend Dr. Williams' Pink Pills to anyone suffering from St. Vitus Dance or any other form of nervous trouble, for what these pills have done for my daughter I am sure they will do for others."

Dr. Williams' Pink Pills are sold by all dealers in medicine or by mail at 50 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

### Requested

Roads are so dusty, dear,  
Days are so long;  
My feet grow rusty, dear,  
Just from wandering on;  
All the worlds a mockery,  
Even miles stones laugh at me,  
Cause I'm such a fool to be  
Longing for you.

Where shall I go when I go where I go?  
Since you have sent me away;  
What shall I do when I do what I do?  
When you just haunt me all day.

Where can I find  
What I found when I first met you?  
You were unkind;  
But I simply can't forget you;  
Where shall I go when I go where I go?  
Since you have sent me away.

—From the Smiling Kid.

### LIFE

I always believed in life rather than in books. I suppose every day of earth, with its hundred thousand deaths and something more of births—with its loves and hates, its triumphs and defeats, its pangs and blisses—has more of humanity in it than all the books that were ever written put together. I believe the flowers growing at this moment send up more fragrance to heaven than was exhaled from all the essences ever distilled.—Holmes.

### HAPPINESS

If we are unhappy, we make others unhappy; if we are happy, we make others happy, not by any conscious efforts to do good, but by the mere contagion of the realized self.  
—A. Clutton-Brock.

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FARES  
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BRITISH  
RE-UNION ASSOCIATION

**Rheumatism GONE**  
"After years of rheumatism, now in perfect health," says Mr. A. Ducharme. Thousands write rheumatic pains, neuritis, vanish like magic with "Fruit-a-tives." Constipation, indigestion end overnight. Nerves quiet. Get "Fruit-a-tives" from druggist today.

## How Petroleum Is Obtained

By Sir John Cadman

How petroleum originated and how it eventually found its way deep down into the bowels of the earth is a speculative problem.

Coal and oil, unlike things they appear, may be regarded almost as first cousins, since there is much that is common in their origin and history. Coal, of course, owes its origin to vegetable matter once living on the surface of the earth. It is held by some that oil was formed from similar vegetable deposits, subjected, however, to different underground treatment. Others trace the origin of oil to deposits of animal matter which, like coal, were deeply buried under layers of sediment.

Let us imagine that we are back in the remote past, visiting what might have been a typical breeding ground of oil, a vast lagoon or shallow sea. We should find it teeming with minute animal life, the remains of which fell to the bottom and became mixed in slime and ooze. Here, as in the forests, it was possible for vast quantities of matter to have been accumulated and buried.

You will have no difficulty in realizing the great scale on which nature can work if you have ever visited the South Downs, where you will have seen immense masses of chalk, hundreds of feet thick. All this chalk consists of the minute shells of small marine animals. None of the organic matter originally contained in these small shells has survived. There was no great lagoon here similar to the one I have described, and here the conditions were different; the oil-forming material has escaped, perhaps eaten up by other animal life.

We can make a guess, then, of how oil began. A vast space of time separates us from these early beginnings. During it, all the dead matter gradually sank lower and lower, as rivers and floods laid layers of clay and other matter above it. As this raw material sank it became subjected to greater and greater pressure, so also did the mud and clay and sand above it.

In process of time many of these earthly substances became hard rocks. Pressure, heat, and other physical and chemical causes, gradually changed the organic material into oil. If the rock above and below that oil became hard and non-porous, the oil could not escape.

Now let us go a step further. We have followed this matter deep down into the earth, where we may assume for a time it lay in great sheets, contained between layers of non-porous rocks. We can now imagine great earth movements which tended to bend and crumple these rock layers into crests and troughs, leaving the oil still imprisoned between the upper and lower rocks in a kind of natural reservoir.

You must not imagine oil as it lies in the ground as being a great pool of liquid. On the contrary, it is usually contained in porous rocks such as sands and limestones, just as water is contained in a sponge; and there is much water associated with it. Oil is lighter than water; and if the reservoir became disturbed by earth movements, the oil would accumulate in the raised parts of the reservoir and the water would collect beneath.

Another process which occurs in the reservoir would be the generation of gas. Our oil reservoir would then contain gas at the top, oil below and water at the bottom, the whole being under pressure, with any amount of gas mixed or dissolved in the oil and water.

Before going any further, let me make it clear to you that oilfields now existing in the world may possibly represent no very great proportion of those which Dame Nature started to develop millions of years ago. The earth has undergone so many violent convulsions that many promising oilfields have been destroyed. Their contents have wandered away through shattered rocks and crevices, and have been lost to man. There are many parts of the world where traces of destroyed oilfields can still be seen and where countless thousands of tons have gone to waste. In many parts, however, the conditions remain favorable, the rocks are still unbroken, and the oil is safely stored, awaiting the time when it will be brought into use.

Having said this, let me return to the reservoir conditions which I have described. We have followed the oil now to a position deep in the ground, where it remains to be discovered and brought to the surface. The conditions under which it is lying are not unlike those in which soda water lies in a siphon. If one could drill deep down into the earth and pierce the rock immediately above the oil reservoir—the 'cap' rock, that is—the process would be similar to opening the valve of the siphon. There would be a great rush of oil or gas seeking to escape from the reservoir. Sometimes the pressure would be so great as to

force the oil through the hole made by the drill and high into the air. Such a well is known as a 'gusher.' In other cases the pressure is not sufficient to lift the oil much above the porous storage, and it is necessary, by pumping of other methods, to bring it to the top.

Quite a large number of geologists have devoted their lives to the problems of petroleum geology. Many of them are at this moment wandering about the world, seeking on the surface for indications as to where the deeply-buried, oil-soaked rocks are likely to exist. This you will realize, is very often a difficult job. Actual oil indications do not always exist on the surface. The task of the geologist is to examine the character of the visible rocks, the nature of the fossils contained in them, and many other data. From that examination it has to be decided whether it is reasonable to suppose that the underground conditions have been favorable for the accumulation and preservation of petroleum in large quantities.

The geologist has to do this work under very trying conditions, and very often the problems presented to him are extremely puzzling. It is seldom, indeed, that, with all his science, he can come to any absolute conclusion. Indeed, his conclusions must frequently be uncertain and conjectural.

In recent years the work of the geologist has been much aided by the application of physical science, and by the development of delicate instruments which measure the character and density of buried rocks. By these means the geologist is helped to decide whether it is likely that structures exist below, which are favorable for the accumulation of oil.

When a geologist has come to the conclusion that oil conditions do exist, his main task is finished. The next man to appear on the scene is the driller, whose job it is to bore a hole deep down from the surface in the hope of reaching a 'cap' rock and piercing into an oil reservoir. These holes are only a foot or so in diameter. They are generally lined or cased with steel tubing in order that the hole may not fall in or be blocked by fragments of the rock through which the drill passes. The lining also serves to exclude water from the springs which exist underground in certain parts of the earth.

If the driller has been successful, and one or other of his test wells proves that oil does exist, the rest may be regarded as a relatively easy matter. All that is now needed is to determine the extent of the oil field by sinking new wells. In this manner oilfields have been proved and brought into production in many parts of the world. Others undoubtedly exist which have yet to be discovered.—Listener, London.

Minard's Will Kill Corns.

### Largest Deposit of Diatomite

The largest deposit of diatomite in the Dominion at present known is in the vicinity of Quesnel in central British Columbia where material of pure grade occurs in beds forty feet thick that extend over a large area.

### Many Uses for Spruce

The wood of all Canadian spruce is tasteless and odorless, making it valuable for food containers. It is also in great demand for musical instruments, principally for organ pipes, piano sounding boards, violin backs, etc.

**Children Cry  
for  
Fletcher's  
CASTORIA**  
A BABY REMEDY  
APPROVED BY DOCTORS  
FOR COLIC CONSTIPATION, DIARRHEA



What many people call indigestion very often means excess acid in the stomach. The stomach nerves have been over-stimulated, and food sours. The corrective is an alkali, which neutralizes acids instantly. And the best alkali known to medical science is Phillips' Milk of Magnesia. It has remained the standard with physicians in the 5 years since its invention. One spoonful of this harmless, taste-

## KEEP THEM HAPPY BY KEEPING THEM WELL

It is natural for children to be happy, active and full of fun. When they are fretful, fussy and disinclined to play you may be sure something is wrong. Almost invariably that something lies in the digestive tract.

It is to meet the need for an absolutely safe corrective of childhood ailments that Baby's Own Tablets have been designed. They gently regulate the stomach and bowels and thus drive out constipation and indigestion; break up colds and simple fevers and allay teething pains. Concerning them Mrs. W. E. Forsyth, Dover, N.B., writes:—"I would not be without Baby's Own Tablets as I know of nothing to equal them for fretful, fussy babies who are troubled with colds or sour stomach."

Baby's Own Tablets are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

### A Musical Feature

By a happy coincidence 1930 is the triennial festival year and visitors to the World's Poultry Congress will have the unique opportunity of attending a performance of the "Messiah," which will be given during the Congress week. An orchestra and choir of 2,000 voices will be in charge of Sir Thomas Beecham, who has offered his services as conductor as a free gift. Under his direction the performance will be a contribution of the first importance and will afford an unusual opportunity for visitors to the Congress to hear one of the world's most famous composer's work rendered on a scale and in volume which alone begins to interpret a real masterpiece of music.—Issued by the Director of Publicity, Dom. Department of Agriculture, Ottawa, Ont.

### ACTIONS

Things may be seen differently, and differently shown; but actions are visible, though motives are secret.—Dr. Johnson.

Minard's Kills Dandruff.

## I Was Weak, Skinny, "After Baby Came Gained 22 lbs."

"After baby was born I was very weak, skinny. Since taking Ironized Yeast feel fine. Gained 22 lbs."—Mrs. Laura Benoit.

Thousands write new Ironized Yeast adds 5 to 15 lbs. in 3 weeks. Ugly hollows fill out. Bony limbs get graceful roundness. Muddy skin gets clear and rosy like magic. Nervousness, indigestion, constipation vanish overnight. Sound sleep, new pep from very first day.

Two great tonics in one—special weight-building Malt Yeast and strengthening Iron. Pleasant little tablets. Far stronger than unmedicated yeast. Results in ½ time. No yeasty taste, no gas.

So quite being "skinny," tired, unattractive. Get Ironized Yeast from druggist to-day. Feel great to-morrow. Money back from manufacturer if not delighted with quick results.

### Changing Seasons

Bring colds and other sickness. Keep Minard's in the medicine chest. It's a great preventative.



## When Pain Comes

less alkali in water will neutralize instantly many times as much acid, and the symptoms disappear at once. You will never use crude methods when once you learn the efficiency of this. Go get a small bottle to try.

Be sure to get the genuine Phillips' Milk of Magnesia prescribed by physicians for 50 years in correcting excess acids. Each bottle contains full directions—any drugstore.

## Classified Advertising

### FOR SALE

**A1 BABY CHICKS—WE HATCHED** 215,000 last year in four varieties. Write for free catalogue. A. H. Switzer, Granton, Ont.

### BABY CHICKS

**SINGLE COMB WHITE LEGHORN** and Banded Plymouth Rock Baby Chicks, wonderful winter layers. We have been hatching for 27 years. Delaware Poultry Farm, Stratford, Ont.

### FOR SALE

**50 CARS ORIGINAL FIRST GROWTH** Northern Ontario Red Cedar fence, grape and anchor posts, telephone poles and poles for tobacco barn frames. Phone or write, E. A. Edwards, R.R. 2, Theford.

### BULBS

**50 GLADIOLUS, 25 VARIETIES, \$2.00;** or 8 Regal Lilies; or 10 Dahlias, named. List Free. 300 varieties. Sansby, 107 Bellefair Ave., Toronto.

### WOMEN

Women were formed to temper mankind and soothe them into tenderness and compassion.—Addison.

### DARE AND DO

We are not here to dream and to drift; we are here to do and to dare.

## FOR SALE

### FIVE D.C. MOTORS

¼, 1, 1½, 4 and 8 Horsepower, all in good condition. Cheap for immediate sale. H. Watkins, 73 Adelaide Street West, Toronto.

**OPEN SORES**  
HEAL IN QUICKEST TIME KNOWN  
"Sores on leg, ulcers, for months. Doctors failed to heal. Then 'Sooth-Salva' healed them in few days." Jules Simard, "Sooth-Salva" heals sores, ulcers, boils, burns, scalds, eczema, like magic. All druggists.

## DO YOU SUFFER WITH HEADACHE?

So easy to get quick relief and prevent an attack in the future. Avoid bromides and dope. They relieve quickly but affect the heart and are very dangerous. They are depressing and only give temporary relief, the cause of the headache still remains within. The sane and harmless way. First correct the cause, sweeten the sour and acid stomach, relieve the intestines of the decayed and poisonous food matter, gently stimulate the liver, start the bile flowing and the bowels pass off the waste matter which causes your headache. Try Carter's Little Liver Pills. Druggists 25c red pkgs.



## How well you look!

"I am writing you again to express my sincere gratitude for the continued success I have maintained through my daily dose of Kruschen. Only last week a man met me (who saw me a few months ago when I was crippled with rheumatism). His first remark was how well I looked. I replied, 'Yes, I have only Kruschen Salts to thank.' He said he was feeling 'off colour' and would start the Kruschen habit next day. I always recommend Kruschen Salts." J. S. F. WOOLNER.

Kruschen Salts is obtainable at drug and department stores in Canada at 75c a bottle. A bottle contains enough to last for 4 or 5 months—good health for half-a-cent a day.

## YOUNG WIFE STRENGTHENED

### After Taking Lydia E. Pinkham's Vegetable Compound

Bancroft, Ontario—"When I first took Lydia E. Pinkham's Vegetable Compound I had been married about a year and my strength was leaving me on account of my condition. I was only 19 and it was my first child. My mother told me I needed something to steady my nerves and a girl chum told me to take the Vegetable Compound. I am so thankful I did because it strengthened my whole system and now I feel perfectly well and have a sweet little baby boy."—Mrs. J. B. STALKER, Bancroft, Ontario.

